

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4463

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Alvis F. Denison

Known As The

Hillcrest #23, B.V.D. #3, B.V.D. #4, B.V.D. #5, Little Pine #7, Little Pine #8 and
Little Pine #9 lodes Mogollon Rim Mining District,
Coconino County, Arizona

Sections 18 and 19, Township 11 North, Range 15 East, G. & S. R. Mer.

Surveyed under order dated September 22, 1958

by Richard L. Merritt
Mineral Surveyor.

Claim located See below, 19

Survey commenced October 14, 1958

Survey completed November 24, 1958

Address of claimant Alvis F. Denison, % Joseph H. Morgan, Atty.
Luhrs Building, Phoenix, Arizona

DATES OF AMENDED LOCATIONS

Little Pine #7 - November 17, 1951, December 10, 1951

| Claim | Located | Recorded |
|----------------|-------------------|-------------------|
| Hillcrest #23 | August 1, 1951 | August 15, 1951 |
| B. V. D. #3 | May 4, 1952 | August 8, 1952 |
| B. V. D. #4 | May 4, 1952 | August 8, 1952 |
| B. V. D. #5 | May 4, 1952 | August 8, 1952 |
| Little Pine #7 | November 29, 1950 | December 10, 1951 |
| Little Pine #8 | November 21, 1951 | December 10, 1951 |
| Little Pine #9 | November 21, 1951 | December 10, 1951 |

Survey No. 4463

Summary

This survey was made with a Gurley transit No. 50962, with horizontal limb 6.25 ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc; the eyepiece is equipped with a colored shade set in the dust shutter for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observations:

October 14, 1958, at cor. No. 2 of Little Pine #9 lode, in latitude 34° 19' 40" N. and longitude 110° 47' 40" W., I made a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from a reference point about 600 ft. southwest to the left to the sun.

Mean time of observation, 105th meridian standard time 4h 11m 7s p.m.

Declination of sun at mean time of observation 8° 14' S.

Mean observed vertical angle to sun's center 18° 58' 50"

Mean horizontal angle from reference point to sun's center 1° 29' 20"

True bearing to reference point S. 66° 48' 20" W.

Horizontal angle from reference point to line 1-2 Little Pine #9 lode extended 7° 08' L.

True bearing line 1-2 Little Pine #9 lode S. 59° 40' 20" W.

The lines were measured with a Lufkin steel tape, 400 ft. in length, graduated every foot, the first and last foot being graduated to tenths and hundredths. The tape was compared with a Lufkin standard tape at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of 15° E.

Feet

LITTLE PINE NO. 7 LODE

Beginning at cor. No. 1 of the Little Pine #7 lode, identical with cor. No. 4, Sur. No. 4360, Hillcrest No. 6 lode.

On line 1-2, Sur. No. 4360, Hillcrest No. 5 lode.

A sandstone, 12x16 ins., 12 ins. above ground, mkd. X H6-4-4360. I marked stone LP 7-1-4463; from which

The W. ¼ cor. of sec. 18, T. 11 N., R. 15 E., Gila and Salt River Mer., bears N. 37° 37' 50" W., 1385.64 ft. dist., an iron post, ¾ in. diam., 14 ins. above ground; mkd. and witnessed as described in the official record.

A pine, 24 ins. diam., bears S. 28° 49' E., 14.45 ft. dist., mkd. X LP 7-1-4463 BT.

Chains
Feet

Thence N. 59° 40' E. 180.0 Center of road, bears N. 50° 20' W. and S. 50° 20' E. 1500.0 Cor. No. 2, identical with cor. No. 3, Sur. No. 4360, Hillcrest No. 6 lode.
A sandstone, 18x4 ins., 16 ins. above ground, mkd. X H6-3-4360. I marked stone LP 7-2-4463; from which
A pine, 20 ins. diam., bears S. 11° 42' E., 27.93 ft. dist., mkd. X LP 7-2-4463 BT.
Thence S. 30° 20' E. 1300.0 Lode line, discovery point bears S. 59° 40' W., 700.0 ft. dist. 600.0 Cor. No. 3, identical with cor. No. 4, Little Pine #8 lode of this survey.
Set a sandstone, 28x14x3 ins., 15 ins. in ground, mkd. X LP 7-3-LP 8-4-4463; from which
A pine, 18 ins. diam., bears S. 67° 20' E., 13.6 ft. dist., mkd. X LP 7-3-LP 8-4-4463 BT.
Thence S. 59° 40' W. 1118.5 Center road, bears S. 48° 54' E. and N. 48° 54' W. 1500.0 Cor. No. 4, identical with cor. No. 3, Little Pine #8 lode of this survey.
On line 4-1, Sur. No. 4448, Little Pine #1 lode.
Set a sandstone, 30x14x4 ins., 16 ins. in the ground, mkd. X LP 7-4 LP 8-3-4463; from which
A pine, 24 ins. diam., bears N. 83° E., 22.1 ft. dist., mkd. LP 7-4- LP 8-3-4463 BT.
Thence N. 30° 20' W. 300.0 Lode line, identical with cor. No. 4, Sur. No. 4448, Little Pine #1 lode, cor. No. 2, Sur. No. 4360, Hillcrest No. 5 lode, discovery point bears N. 59° 40' E., 800.0 ft. dist. 600.0 Cor. No. 1 and place of beginning.

LITTLE PINE #8 LODE

At cor. No. 1 of the Little Pine #8 lode, identical with cor. No. 4, Little Pine #9 lode of this survey.
Set a sandstone, 28x12x4 ins., 16 ins. in the ground, mkd. X LP 8-1-LP 9-4-4463; from which
The south ½ cor. of sec. 18, T. 11 N., R. 15 E., bears S. 5° 41' W., 1273.57 ft. dist., an iron post, ¾ in. diam., 14 ins. above ground, mkd. and witnessed as described in the official record.
A pine, 24 ins. diam., bears N. 16° 49' W., 12.95 ft. dist., mkd. X LP 8-1, LP 9-4-4463 BT.

| Chains Feet | |
|----------------|--|
| | Thence S. 59° 40' W. |
| 913.93 | Center of road, bears S. 53° 19' E. and N. 53° 19' W. |
| 1500.0 | Cor. No. 2, identical with cor. No. 3, Little Pine #9 lode of this survey. |
| | On line 4-1, Sur. No. 4448, Little Pine #1 lode. |
| | Set a sandstone, 30x14x4 ins., 16 ins. in the ground, mkd. X LP 8-2, LP 9-3-4463; from which |
| | An oak, 14 ins. diam., bears S. 35° 33' W., 45.43 ft. dist., mkd. X LP 8-2- LP 9-3-4463 BT. |
| | Thence N. 30° 20' W. |
| 300.0 | Lode line, discovery point bears N. 59° 40' E., 1347.0 ft. dist. |
| 600.0 | Cor. No. 3, identical with cor. No. 4, Little Pine #7 lode of this survey, previously described. |
| | Thence N. 59° 40' E. |
| 381.5 | Center of road, bears S. 48° 54' E. and N. 48° 54' W. |
| 1500.0 | Cor. No. 4, identical with cor. No. 3, Little Pine #7 lode of this survey, previously described. |
| | Thence S. 30° 20' E. |
| 300.0 | Lode line, discovery point bears S. 59° 40' W., 153.0 ft. dist. |
| 600.0 | Cor. No. 1 and place of beginning. |
| | LITTLE PINE #9 LODGE |
| | At cor. No. 1 of the Little Pine #9 lode, identical with lode line B V D #3 lode of this survey. |
| | Set a sandstone, 30x18x4 ins., 16 ins. in the ground, mkd. X LP 9-1-4463; from which |
| | The south ½ cor. of sec. 18, T. 11 N., R. 15 E., Gila and Salt River Mer., bears S. 29° 47' 45" W., 863.62 ft. dist. |
| | A pine, 24 ins. diam., bears S. 17° 57' E., 4.04 ft. dist., mkd. X LP 9-1-4463 BT. |
| | Thence S. 59° 40' W. |
| 300.0 | Cor. No. 1 BVD #3 lode of this survey, identical with cor. No. 2, Sur. No. 4361, Hillcrest No. 13 lode. |
| 596.57 | Center of road, bears S. 76° 42' E. and N. 76° 42' W. |
| 900.0 | Cor. No. 1, Sur. No. 4361, Hillcrest No. 13 lode, identical with cor. No. 1, Sur. No. 4361, Hillcrest No. 14 lode. |
| 1500.0 | Cor. No. 2, identical with cor. No. 4, Sur. No. 4361, Hillcrest No. 14 lode, cor. No. 1, Sur. 4448, Little Pine #1 lode. |

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| XXXX Feet | <p>A sandstone, 8x6 ins., 14 ins. above ground, mkd. X H 14-4-4361-LP-1-4448. I marked stone LP 9-2-4463; from which</p> <p>A pine, 30 ins. diam., bears S. 7° 18' E., 30.0 ft., mkd. X LP 9-2-4463 BT.</p> <p>Thence N. 30° 20' W.</p> <p>300.0 Lode line, discovery point bears N. 59° 40' E., 1300.0 ft. dist.</p> <p>600.00 Cor. No. 3, identical with cor. No. 2, Little Pine #8 lode of this survey, previously described.</p> <p>Thence N. 59° 40' E.</p> <p>586.07 Center of road, bears S. 53° 19' E. and N. 53° 19' W.</p> <p>1500.0 Cor. No. 4, identical with cor. No. 1, Little Pine #8 lode of this survey, previously described.</p> <p>Thence S. 30° 20' E.</p> <p>300.00 Lode line, discovery point bears S. 59° 40' W., 200.0 ft. dist.</p> <p>600.0 Cor. No. 1 and place of beginning.</p> |
| | <p>B V D #3 LODE</p> <p>Beginning at cor. No. 1 of the B V D #3 lode, identical with cor. No. 2, Sur. No. 4361, Hillcrest No. 13 lode.</p> <p>On line 1-2, Little Pine #9 lode of this survey.</p> <p>A sandstone, 8x6 ins., 18 ins. above ground, mkd. X H 13-2-4361. I marked stone B V D 3-1-4463; from which</p> <p>The south $\frac{1}{2}$ cor. of sec. 18, T. 11 N., R. 15 E., Gila and Salt River Mer., bears S. 15° 53' 20" W., 621.69 ft. dist.</p> <p>A pine, 24 ins. diam., bears S. 8° 04' W., 16.95 ft. dist., mkd. X B V D 3-1-4463 BT.</p> <p>Thence N. 59° 40' E.</p> <p>300.0 Cor. No. 1, Little Pine #9 lode of this survey, identical with lode line, discovery point bears S. 30° 20' E., 1320.0 ft. dist.</p> <p>329.0 Center of road, bears N. and S.</p> <p>600.0 Cor. No. 2, identical with cor. No. 3, BVD #4 lode of this survey.</p> <p>Set a sandstone, 26x14x4 ins., 14 ins. in the ground, mkd. X B V D 3-2-B V D 4-3-4463; from which</p> <p>A pine, 16 ins. diam., bears N. 30° 14' W., 30.9 ft. dist., mkd. X B V D 3-2-B V D 4-3-4463 BT.</p> <p>Thence S. 30° 20' E.</p> <p>1046.75 Center of road, bears N. 53° W. and S. 53° E.</p> <p>1500.0 Cor. No. 3, identical with cor. No. 2, BVD #4, cor. No. 4, Hillcrest #23 lodes of this survey.</p> |

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| Feet | |
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| | Set a sandstone, 24x14x6 ins., 13 ins. in the ground, mkd. X B V D 3-3-B V D 4-2-H 23-4-4463; from which |
| | A pine, 24 ins. diam., bears S. 44° 27' W., 28.5 ft. dist., mkd. X B V D 3-3-B V D 4-2-H 23-4-4463 BT. |
| | Thence S. 59° 40' W. |
| 300.0 | Lode line, discovery point bears N. 30° 20' W., 180.0 ft. dist. |
| 600.0 | Cor. No. 4, identical with cor. No. 3, Hillcrest #23 lode of this survey, cor. No. 2, Sur. No. 4361, Hillcrest No. 16 lode, cor. No. 3, Sur. No. 4361, Hillcrest No. 13 lode. |
| | A sandstone, 12x4 ins., 12 ins. above the ground, mkd. X H 16-2-H 13-3-4361. I marked stone B V D 3-4-H 23-3-4463; from which |
| | A pine, 16 ins. diam., bears S. 61° 26' W., 12.0 ft. dist., mkd. X B V D 3-4-H 23-3-4463 BT. |
| | Thence N. 30° 20' W. |
| 1228.0 | Center of road, bears N. 77° 47' W. and S. 77° 47' E. |
| 1500.0 | Cor. No. 1 and place of beginning. |
| | B V D #4 LODE. |
| | Beginning at cor. No. 1 of the B V D #4 lode, identical with cor. No. 2, B V D #5 lode of this survey. |
| | Set a sandstone, 28x14x4 ins., 15 ins. in the ground, mkd. X B V D 4-1-B V D 5-2-4463; from which |
| | The southeast cor. of sec. 18, T. 11 N., R. 15 E., Gila and Salt River Mer., bears N. 82° 18' 20" E., 681.43 ft. dist., an iron post, 2 ins. diam., 12 ins. above ground, mkd. and witnessed as described in the official record. |
| | A pine, 24 ins. diam., bears N. 20° 50' E., 52.35 ft. dist., mkd. X B V D 4-1-B V D 5-2-4463 BT. |
| | Thence S. 59° 40' W. |
| 72.0 | Five wire fence, bears N. 85° E. and S. 85° W. |
| 300.0 | Lode line, discovery point bears N. 30° 20' W., 1350.0 ft. dist. |
| 410.71 | Center of road, bears N. 53° W. and S. 53° E. |
| 600.0 | Cor. No. 2, identical with cor. No. 4, Hillcrest #23, cor. No. 3, B V D #3 lodes of this survey. |
| | Thence N. 30° 20' W. |
| 453.25 | Center of road, bears N. 53° W. and S. 53° E. |
| 1500.0 | Cor. No. 3, identical with cor. No. 2, B V D #3 lode of this survey. |
| | Thence N. 59° 40' E. |

| Feet | |
|---------------|--|
| 300.0 | Lode line, discovery point bears S. 30° 20' E., 150.0 ft. dist. |
| 600.0 | Cor. No. 4, identical with cor. No. 3, B V D #5 lode of this survey. Set a sandstone, 24x14x8 ins., 13 ins. in the ground, mkd. X B V D 4-4-B V D 5-3-4463; from which A pine, 16 ins. diam., bears N. 43° 36' W., 25.65 ft. dist., mkd. X B V D 4-4-B V D 5-3-4463 BT. Thence S. 30° 20' E. |
| 1500.0 | Cor. No. 1 and place of beginning. |
| B V D #5 LODE | |
| | At Cor. No. 1 of the B V D #5 lode. Set a sandstone, 28x16x3 ins., 16 ins. in the ground, mkd. X B V D 5-1-4463; from which The southeast cor. of sec. 18, T. 11 N., R. 15 E., Gila and Salt River Mer., bears S. 42° 34' 40" E., 268.41 ft. dist. Cor. No. 1, Sur. No. 4442, Mesa Verde No. 5 lode, bears S. 15° 17' 50" E., 798.83 ft. dist. A monument of the location, a mound of stone, 3 ft. base by 3 ft. high, bears S. 44° 42' E., 13.46 ft. dist. A pine, 30 ins. diam., bears S. 31° 35' E., 23.1 ft. dist., mkd. X B V D 5-1-4463 BT. Thence S. 59° 40' W. |
| 17.0 | Center of road, bears N. 5° W. and S. 5° E. |
| 272.0 | Lode line, discovery point bears N. 30° 20' W., 550.0 ft. dist. |
| 572.0 | Cor. No. 2, identical with cor. No. 1, B V D #4 lode of this survey, previously described. Thence N. 30° 20' W. |
| 1500.0 | Cor. No. 3, identical with cor. No. 4, B V D #4 lode of this survey, previously described. Thence N. 59° 40' E. |
| 300.0 | Lode line, discovery point bears S. 30° 20' E., 950.0 ft. dist. |
| 600.0 | Cor. No. 4. Set a sandstone, 24x10x4 ins., 13 ins. in the ground, mkd. X B V D 5-4-4463; from which A pine, 18 ins. diam., bears N. 30° 07' W., 30.85 ft. dist., mkd. X B V D 5-4-4463 BT. Thence S. 29° 15' 50" E. |

| Feet | |
|--------------------|---|
| 1463.0 | Center of road, bears N. 5° W. and S. 5° E. |
| 1500.26 | Cor. No. 1 and place of beginning. |
| HILLCREST #23 LODE | |
| | At cor. No. 1 of the Hillcrest #23 lode. |
| | Set a sandstone, 24x12x5 ins., 13 ins. in the ground, mkd. X H 23-1-4463; from which |
| | The ¼ cor. bet. secs. 19 and 20, T. 11 N., R. 15 E., Gila and Salt River Mer., bears S. 24° 40' 20" E., 1041.02 ft. dist., an iron post, ¾ in. diam., 12 ins. above ground, mkd. and witnessed as described in the official record. |
| | Thence S. 59° 40' W. |
| 300.0 | Lode line, discovery point bears N. 30° 20' W., 1360.0 ft. dist. |
| 600.0 | Cor. No. 2, identical with cor. No. 3, Sur. No. 4361, Hillcrest No. 16 lode. |
| | A sandstone, 8x6 ins., 10 ins. above the ground, mkd. X H 16-3-4361. I marked stone H 23-2-4463; from which |
| | A pine, 18 ins. diam., bears N. 20° 08' E., 17.3 ft. dist., mkd. X H 23-2-4463 BT. |
| | Thence N. 30° 20' W. |
| 1500.0 | Cor. No. 3, identical with cor. No. 2, Sur. No. 4361, Hillcrest No. 16 lode, cor. No. 3, Sur. No. 4361, Hillcrest No. 13 lode, cor. No. 4, B V D #3 lode of this survey, previously described. |
| | Thence N. 59° 40' E. |
| 300.0 | Lode line, discovery point bears S. 30° 20' E., 140.0 ft. dist. |
| 600.0 | Cor. No. 4, identical with cor. No. 3, B V D #3, cor. No. 2, B V D #4 lodes of this survey, previously described. |
| | Thence S. 30° 20' E. |
| 1500.0 | Cor. No. 1 and place of beginning. |
| AREAS | |
| | Acres |
| | Total area, Little Pine #7 lode 20.661 |
| | Total area, Little Pine #8 lode 20.661 |
| | Total area, Little Pine #9 lode 20.661 |
| | Total area, B V D #3 lode 20.661 |
| | Total area, B V D #4 lode 20.661 |
| | Total area, B V D #5 lode 20.179 |
| | Total area, Hillcrest #23 lode 20.661 |

Survey No. 4463

Charts

LOCATION

This survey is located in the SW $\frac{1}{4}$ of sec. 18, SE $\frac{1}{4}$ of sec. 18, NE $\frac{1}{4}$ of sec. 19, NW $\frac{1}{4}$ of sec. 19, T. 11 N., R. 15 E., Gila and Salt River Mer., within the Sitgreaves National Forest; with the exception of the southeast cor. of B V D #5 lode, cor. No. 1. The survey of all lodes of this survey are identical with the location notices as marked on the ground.

The location monuments, all mounds of stone, 3 ft. base by 3 ft. high, were rebuilt alongside the four corners of each lode.

EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or his grantors are as follows:

- | | |
|-------|---|
| No. 1 | The discovery point of the Little Pine #7 lode is on the lode line, S. 59° 40' W., 700.0 ft. dist. from the center of line 2-3. No value |
| No. 2 | A trench, the west end of which bears N. 82° 46' E., 720.0 ft. dist. from cor. No. 1, Little Pine #7 lode, 12.0 ft. wide, 2.0 ft. deep, running S. 53° E., 35.0 ft. Value, \$125. |
| No. 3 | A trench, the west end of which bears N. 73° E., 800.0 ft. dist. from cor. No. 1, Little Pine #7 lode, 7.0 ft. wide, 6.0 ft. deep, running N. 70° E., 20.0 ft. Value, \$120. |
| No. 4 | A trench, the north end of which bears N. 68° E., 860.0 ft. dist. from cor. No. 1, Little Pine #7 lode, 14.0 ft. wide, 1.0 ft. deep, running S. 35° E., 53.0 ft. Value, \$80.00 |
| No. 5 | A trench, the north end of which bears S. 43° 45' W., 670.0 ft. dist. from cor. No. 2, Little Pine #7 lode, 9.0 ft. wide, 10.0 ft. deep, running S. 25° W., 20.0 ft. Value, \$200. |
| No. 6 | A trench, the east end of which bears S. 46° W., 605.0 ft. dist., from cor. No. 2, Little Pine #7 lode, 7.0 ft. wide, 6.0 ft. deep, running N. 85° W., 21.0 ft. Value, \$100. |
| No. 7 | A trench, the south end of which bears N. 51° E., 495' ft. dist. from cor. No. 4, Little Pine #7 lode, 7 ft. wide, 6.0 ft. deep, running N. 35° W., 20.0 ft. Value \$100. |
| No. 8 | A trench, the south end of which bears N. 27° 30' E., 205.0 ft. dist. from cor. No. 4, Little Pine #7 lode, 6.0 ft. wide, 4.0 ft. deep, running N. 30° W., 16.0 ft. Value, \$50. |
| No. 9 | A trench, the south end of which bears N. 7° 30' E., 180.0 ft. dist. from cor. No. 4, Little Pine #7 lode, 12.0 ft. wide, 3.0 ft. deep, running N. 8° W., 90.0 ft. Value, \$360. |
| No. 1 | The discovery point of the Little Pine #8 lode is on the lode line, S. 59° 40' W., 153.0 ft. dist. from the center of line 4-1. No value |

| CORNER | |
|--------|--|
| No. 2 | A shaft, the center of which bears S. 44° 30' W., 150.0 ft. dist. from the center of line 4-1, Little Pine #8 lode, 4.0 x 6.0 ft., 4.0 ft. deep. Value, \$50. |
| No. 3 | A trench, the south end of which bears S. 81° W., 96.0 ft. dist. from cor. No. 1 of the Little Pine #8 lode, 14.0 ft. wide, 1.5 ft. deep, running north, 40.0 ft. Value, \$100. |
| No. 4 | A trench, the south end of which bears N. 59° 40' E., 190.6 ft. from cor. No. 2 of the Little Pine #8 lode, 12.0 ft. wide, 4.0 ft. deep, running N. 20° W., 64.0 ft. Value, \$380. |
| No. 5 | A trench, the north end of which bears S. 61° 30' E., 318.0 ft. dist. from cor. No. 3 of the Little Pine #8 lode, 6.0 ft. wide, 6.0 ft. deep, running S. 12° W., 20.0 ft. Value, \$100. |
| No. 6 | A trench, the north end of which bears S. 83° E., 150.0 ft. from the center of line 2-3 of the Little Pine #8 lode, 8.0 ft. wide, 6.0 ft. deep, running S. 10° E., 21.0 ft. Value, \$120. |
| No. 7 | A trench, the north end of which bears S. 73° 30' W., 838.0 ft. dist. from cor. No. 1 of the Little Pine #8 lode, 7.0 ft. wide, 6.0 ft. deep, running S. 35° E., 20.0 ft. Value, \$100. |
| No. 1 | The discovery point of the Little Pine #9 lode is on the lode line, S. 59° 40' W., 200.0 ft. dist. from the center of line 4-1. No value |
| No. 2 | A shaft, the center of which bears S. 1° 30' W., 350.0 ft. dist. from cor. No. 4 of the Little Pine #9 lode, 4.0 ft. by 6.0 ft., 4.0 ft. deep. Value, \$50. |
| No. 3 | A trench, the east end of which bears N. 46° 30' W., 253.0 ft. dist. from cor. No. 1 of the Little Pine #9 lode, 12.0 ft. wide, 2.0 ft. deep, running S. 55° W., 85.0 ft. Value, \$250. |
| No. 4 | A trench, the east end of which bears N. 68° W., 318.0 ft. dist. from cor. No. 1 of the Little Pine #9 lode, 6.0 ft. wide, 6.0 ft. deep, running S. 85° W., 21.0 ft. Value, \$100. |
| No. 5 | A trench, the east end of which bears N. 72° W., 322.0 ft. from cor. No. 1 of the Little Pine #9 lode, 7.0 ft. wide, 8.0 ft. deep, running west 20.0 ft. Value, \$150. |
| No. 1 | The discovery point of the B V D #3 lode is on the lode line, N. 30° 20' W., 180.0 ft. dist. from the center of line 3-4. No value |
| No. 2 | A trench, the east end of which bears N. 87° 30' W., 250.0 ft. dist. from cor. No. 3 of the BVD #3 lode, 7.0 ft. wide, 8.0 ft. deep, running S. 60° W., 21.0 ft. Value, \$120. |

| Number | Description |
|--------|--|
| No. 3 | A trench, the east end of which bears N. 8° W., 79.0 ft. dist. from the center of line 3-4 of the BVD #3 lode, 25.0 ft. wide, 4.0 ft. deep, running N. 65° W., 50.0 ft. Value, \$400. |
| No. 4 | A trench, the west end of which bears N. 11° 30' E., 335.0 ft. dist. from cor. No. 4 of the BVD #3 lode, 13.0 ft. wide, 2.0 ft. deep, running N. 65° E., 75.0 ft. Value, \$200. |
| No. 5 | A trench, the east end of which bears S. 19° W., 144.0 ft. dist. from cor. No. 2 of the BVD #3 lode, 12.0 ft. wide, 1.5 ft. deep, running S. 73° W., 85.0 ft. Value, \$150.0 |
| No. 1 | The discovery point of the BVD #4 lode is on the lode line, S. 30° 20' E., 150.0 ft. dist. from the center of line 3-4. No value |
| No. 2 | A shaft, the center of which bears S. 24° 30' W., 320.0 ft. dist. from cor. No. 4 of the BVD #4 lode, 4.0 ft. by 6.0 ft., 5.0 ft. deep. Value, \$50. |
| No. 3 | A trench, the west end of which bears N. 67° 17' E., 154.0 ft. dist. from cor. No. 3 of the BVD #4 lode, 12.0 ft. wide, 1.5 ft. deep, running east 100.0 ft. Value, \$200. |
| No. 4 | A shaft, the center of which bears S. 78° 47' E., 220.0 ft. dist. from cor. No. 3 of the BVD #4 lode, 4.0 ft. by 6.0 ft., 4.0 ft. deep. Value, \$50. |
| No. 5 | A trench, the east end of which bears S. 19° 30' E., 582.0 ft. dist. from cor. No. 4 of the BVD #4 lode, 12.0 ft. wide, 2.0 ft. deep, running S. 85° W., 90.0 ft. Value, \$250. |
| No. 1 | The discovery point of the BVD #5 lode is on the lode line, S. 30° 20' E., 950.0 ft. dist. from the center of line 3-4. No value. |
| No. 2 | A shaft, the center of which bears N. 10° 30' W., 638.0 ft. dist. from cor. No. 2 of the BVD #5 lode, 4.0 by 6.0 ft., 3.0 ft. deep. Value, \$50. |
| No. 3 | A shaft, the center of which bears S. 46° 30' E., 860.0 ft. dist. from cor. No. 3 of the BVD #5 lode, 4.0 x 6.0 ft., 3.0 ft. deep. Value, \$50. |
| No. 4 | A trench, the north end of which bears S. 7° E., 497.0 ft. dist. from cor. No. 4 of the BVD #5 lode, 8.0 ft. wide, 6.0 ft. deep, running S. 7° E., 20.0 ft. Value, \$120. |
| No. 5 | A trench, the west end of which bears S. 12° 30' E., 525.0 ft. dist. from cor. No. 4 of the BVD #5 lode, 14.0 ft. wide, 3.0 ft. deep, running S. 65° E., 60.0 ft. Value, \$250. |

| CHECKS | |
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| No. 6 | A trench, the northeast end of which bears S. 21° 45' E., 465.0 ft. dist. from cor. No. 4 of the B V D #5 lode, 6.0 ft. wide, 6.0 ft. deep, running S. 45° W., 32.0 ft. Value, \$140. |
| No. 1 | The discovery point of the Hillcrest #23 lode is on the lode line, S. 30° 20' E., 140.0 ft. dist. from the center of line 3-4. No. value |
| No. 2 | A trench, the south end of which bears N. 89° 30' E., 265.0 ft. dist. from cor. No. 3 of the Hillcrest #23 lode, 13.0 ft. wide, 3.0 ft. deep, running N. 35° E., 75.0 ft. Value, \$300. |
| No. 3 | A trench, the east end of which bears S. 50° E., 483.0 ft. dist. from cor. No. 3 of the Hillcrest #23 lode, 7.0 ft. wide, 6.0 ft. deep, running S. 60° W., 21.0 ft. Value, \$100. |
| No. 4 | A trench, the south end of which bears S. 46° 34' E., 519.0 ft. dist. from cor. No. 3 of the Hillcrest #23 lode, 12.0 ft. wide, 1.0 ft. deep, running N. 20° W., 40.0 ft. Value, \$75. |
| No. 5 | A trench, the south end of which bears N. 50° 30' W., 754.0 ft. dist. from cor. No. 1 of the Hillcrest #23 lode, 14.0 ft. wide, 2.0 ft. deep, running N. 10° W., 30.0 ft. Value, \$100. |
| No. 6 | A trench, the south end of which bears N. 43° W., 630.0 ft. dist. from cor. No. 1 of the Hillcrest #23 lode, 14.0 ft. wide, 2.0 ft. deep, running N. 5° E., 30.0 ft. Value, \$100. |

OTHER IMPROVEMENTS

None.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Survey No. 4361, Hillcrest No. 13 lode, cor. No. 1, identical with Hillcrest No. 14 lode, cor. No. 1, is a sandstone firmly set and properly marked.

Survey No. 4448, Little Pine #1 lode, cor. No. 4, identical with Survey No. 4360, Hillcrest No. 5 lode, cor. No. 2, is a sandstone firmly set and properly marked.

Survey No. 4442, Mesa Verde No. 5 lode, cor. No. 1. This cor. falls on the edge of road and no cor. was set. Witness cor., a sandstone firmly set and properly marked, bears N. 12° 08' W., 100.0 ft. dist.

The course and distance from the E½ cor. to the NE. cor. of sec. 19, T. 11 N., R. 15 E., was found to be N. 0° 01' 20" E., 2634.88 ft., instead of N. 0° 03' W., 2640.0 ft. as shown on the official plat.

The course and distance from the N½ cor. to the NE. cor. of sec. 19, T. 11 N., R. 15 E., was found to be N. 89° 59' 15" E., 2638.77 ft. instead of east, 2640.0 ft. as shown on the official plat.

The course and distance from the SW. cor. of sec. 18, T. 11 N., R. 15 E., to the W½ cor. was found to be N. 0° 03' E., 2637.27 ft. instead of north, 2640.0 ft. as shown on the official plat.

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| <p>The course and distance from the S$\frac{1}{2}$ cor. of sec. 18, T. 11 N., R. 15 E., to the SW. cor. was found to be N. 89° 53' W., 2622.85 ft. instead of west, 2628.12 ft. as shown on the official plat.</p> | |
| <p>FIELD ASSISTANTS</p> | |
| <p>Name</p> | <p>Capacity</p> |
| <p>J. B. Sarvis</p> | <p>Chairman</p> |
| <p>Keith Bunn</p> | <p>Chairman</p> |
| <p>OTHER IMPROVEMENTS</p> | |
| <p>None.</p> | |
| <p>OTHER CORNER DESCRIPTIONS AND SURVEY DATA</p> | |
| <p>Survey No. 4463, Willow No. 13 lot, cor. No. 1, adjacent with Willow No. 14 lot, cor. No. 1, as a boundary line and properly marked.</p> | |
| <p>Survey No. 4463, Willow No. 5 lot, cor. No. 2, as a boundary line and properly marked.</p> | |
| <p>Survey No. 4463, Willow No. 2 lot, cor. No. 1, this corner on the edge of road and no set, was set, Willow No. 1, 100 ft. distance and properly marked.</p> | |
| <p>The course and distance from the NE cor. to the NW cor. of sec. 18, T. 11 N., R. 15 E., was found to be N. 0° 11' W., 2622.85 ft. instead of N. 0° 03' W., 2640.0 ft. as shown on the official plat.</p> | |
| <p>The course and distance from the NE cor. to the NW cor. of sec. 18, T. 11 N., R. 15 E., was found to be N. 0° 11' W., 2622.85 ft. instead of west, 2640.0 ft. as shown on the official plat.</p> | |
| <p>The course and distance from the SW cor. of sec. 18, T. 11 N., R. 15 E., to the NE cor. was found to be N. 0° 03' W., 2640.0 ft. instead of north, 2640.0 ft. as shown on the official plat.</p> | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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CERTIFICATE OF SURVEYOR

November 24, 1958

I, Richard L. Merritt,
Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the Office of
Cadastral Engineer, at Phoenix, Arizona
dated September 22, 1958, I have faithfully and correctly executed the survey of
the mining claim of Alvis F. Denison,
known as the Hillcrest #23, B. V. D. #s 3, 4, & 5, and Little Pine #s 7, 8, & 9 lodes,
(Lode, placer, or mill site)
situate in Sections 18 and 19, Township 11 North, Range 15 East,
T. 11 North, R. 15 East, Gila and Salt River Meridian, Arizona, and
(State)
designated as Survey No. 4463, which is represented in the foregoing field notes as having been
executed by me and under my direction, and that said survey has been made in strict conformity with said order,
the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner
described in the foregoing field notes, and I do further certify that the labor expended and improvements made
upon or for the benefit of the lode location(s) embraced in the said mining claim by
(Lode or placer)
claimant(s) or his grantors are fully stated in my report therein, and that the character,
extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no
portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate
of expenditures upon any other claim.

Prescott, Arizona
(Place)

Richard L. Merritt
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management Cadastral Survey
(Office) Office
Phoenix, Arizona May 13, 1959
(Place) (Date)

The foregoing field notes of mineral survey No. 4463, in Sections 18 and 19,
T. 11 N., R. 15 E., Gila and Salt River Meridian,
Arizona, executed by Richard L. Merritt, Mineral Surveyor,
(State)
under order dated September 22, 1959, having been critically examined and the necessary
corrections made prior to their certification by the surveyor, the field notes and the survey therein described
are hereby approved.

Lester S. Mann
Lester S. Mann
Office Cadastral Engineer
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. _____
is a true copy of the original field notes.

提問：……